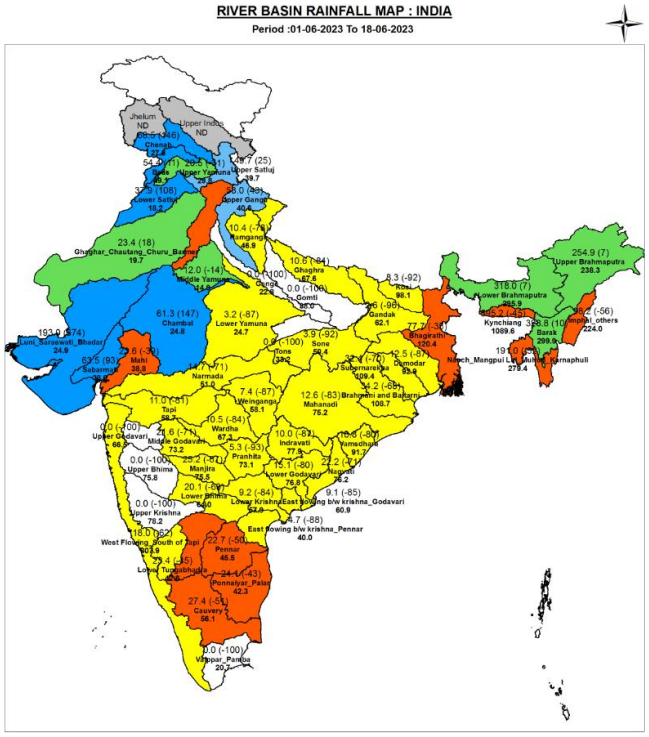
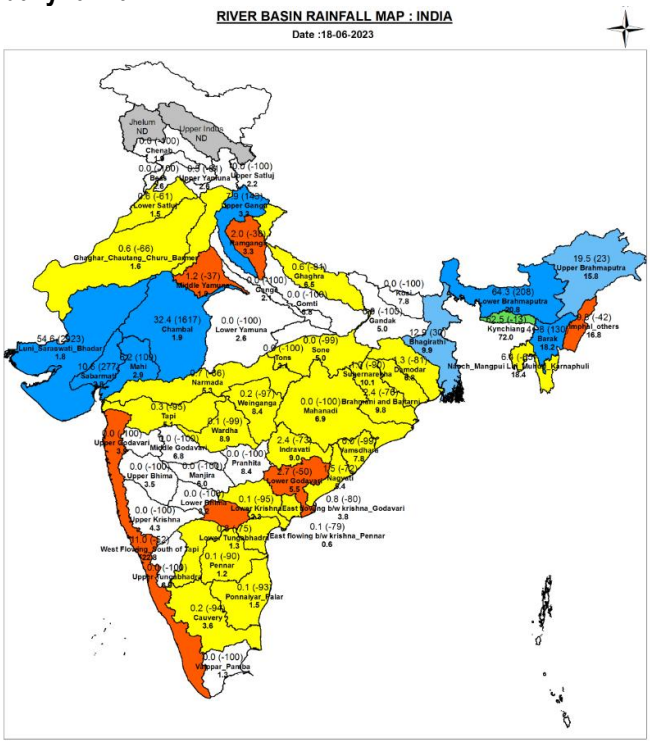
Central Water Commission
Daily Flood Situation Report cum Advisories
18-06-2023

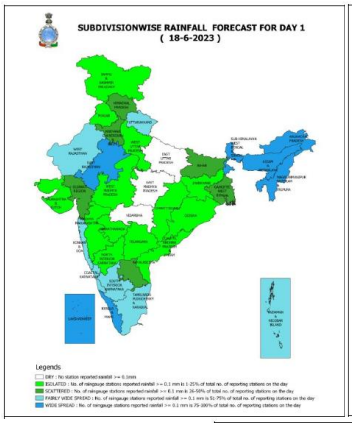
1.0 Rainfall Situation

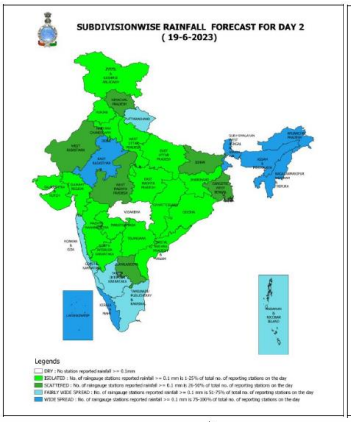
1.1 Basin wise departure from normal of cumulative and daily rainfall

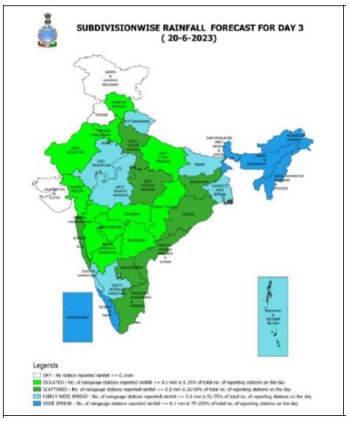


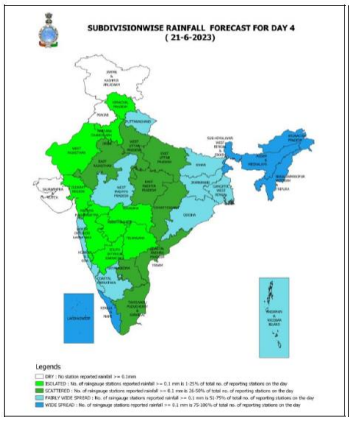


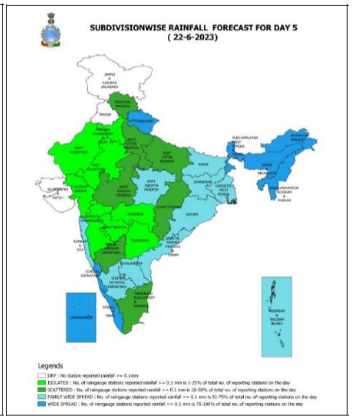
1.1 Rainfall forecast for next 5 days issued on18thJune 2023 (Midday) by IMD











Legends

- DRY : No station reported rainfall >= 0.1mm
- ISOLATED : No. of raingauge stations reported rainfall >= 0.1 mm is 1-25% of total no. of reporting stations on the day
- SCATTERED : No. of raingauge stations reported rainfall >= 0.1 mm is 26-50% of total no. of reporting stations on the day
- FAIRLY WIDE SPREAD : No. of raingauge stations reported rainfall >= 0.1 mm is 51-75% of total no. of reporting stations on the day
- WIDE SPREAD : No. of raingauge stations reported rainfall >= 0.1 mm is 75-100% of total no. of reporting stations on the day

2.0 Flood Situation and Advisories

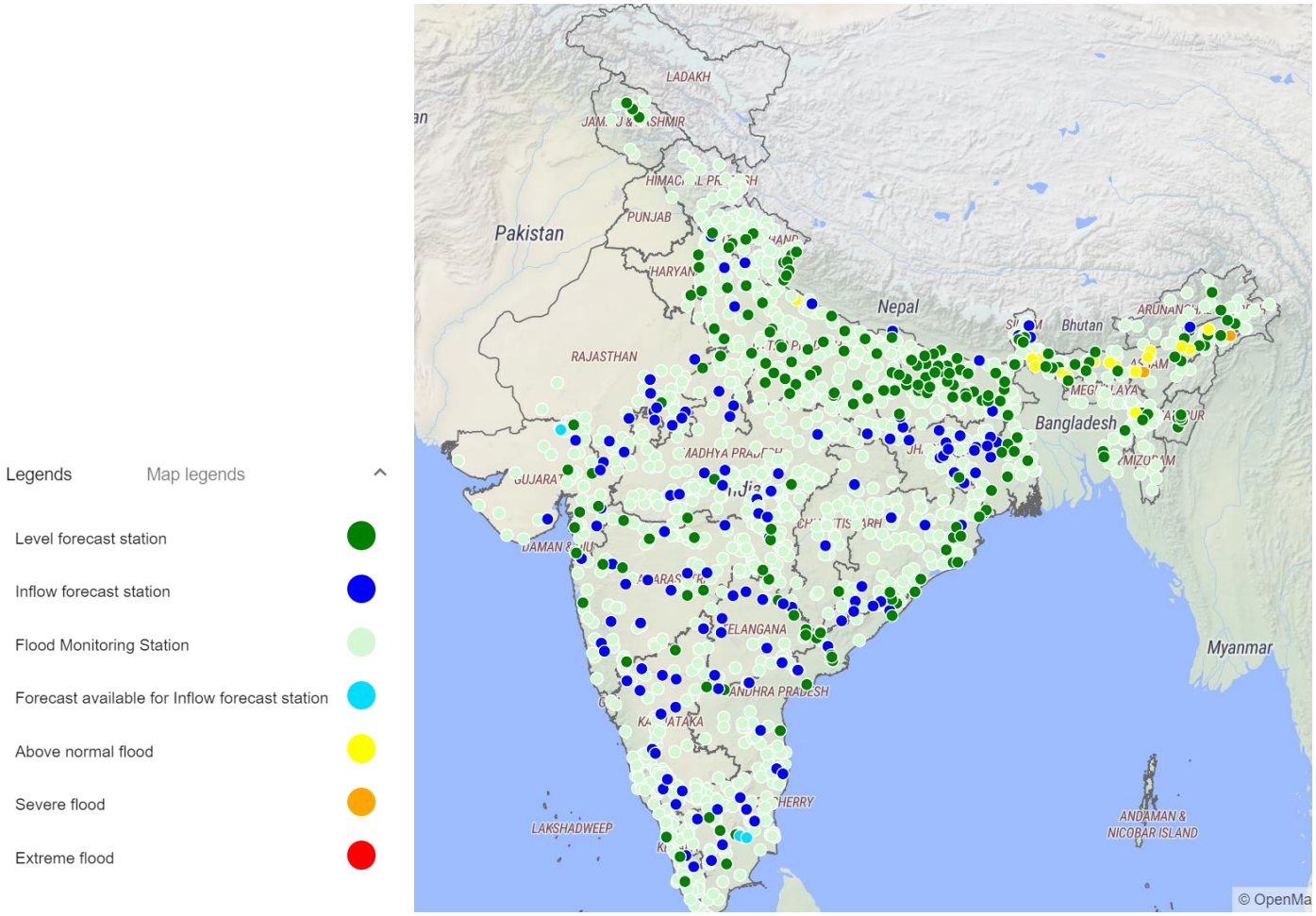
2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 18thJune2023, 2 stations in Assam is flowing in Severe Flood Situation, 13 stations(10 in Assam, 3 in West Bengal)areflowing in Above Normal Flood Situation. Inflow Forecast has been issued for 3 Dams and Barrages in Tamil Nadu.

FLOOD SITUATION SUMMARY			
PART - I: LEVEL FORECAST	(Total Sites - 199)		
S.No.	Flood Situations	State-wise Flood Situation	Numbers of Forecasting Sites
A	Extreme Flood Situation: (Site (s) where the previous Highest Flood Level (HFL) is exceeded or equalled)		0
B	Severe Flood Situation: (Site (s) where water level is touching or exceeding the Danger Level but below Highest Flood Level (HFL))	Assam(2)	2
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	Assam(10), West Bengal(3)	13
Total number of sites above Warning Level (A+B+C)			15
PART - II: INFLOW FORECAST	(Total Sites - 134)		
Number of sites for which inflow forecasts issued: (Where Inflows are equal or exceed the specified Threshold Limit for a particular reservoir / barrage)			3

Details are given at link: https://cwc.gov.in/sites/default/files/central-flood-control-room-daily-bulletins-report-2023-06-18t134058.627-2_3.pdf

2.1.1 Flood Situation Map



2.2 CWC Advisories

Assam

Present Flood situation in the state as per CWC network

Sl. No.	CWC Site	District	River	Flood Type	Trend
1	Kampur	Nagaon	Kopili	Severe	Rising
2	Margherita (Monitoring Station)	Tinsukia	Buredehing	Severe	Falling
3	PagladiyaNT Rd crossing	Nalbari	Pagladiya	Above Normal	Rising
4	Golokganj	Dhubri	Sankosh	Above Normal	Rising
5	Dhubri	Dhubri	Brahamputra	Above Normal	Rising
6	Dibrugarh	Dibrugarh	Brahamputra	Above Normal	Steady
7	Beki Rd Bridge	Barpeta	Beki	Above Normal	Steady
8	Dharamtul	Morigaon	Kopili	Above Normal	Falling
9	Tezpur	Sonitpur	Brahamputra	Above Normal	Falling
10	Badatighat	Lakhimpur	Subansiri	Above Normal	Falling
11	Neamatighat	Jorhat	Brahamputra	Above Normal	Falling
12	NT Rd Crossing Jiabharali	Sonitpur	JiaBharali	Above Normal	Falling
13	Puthimari NH Rd Crossing	Dhubri	Sankosh	Above Normal	Falling

IMD has predicted very heavy rainfall over districts such as **Kokrajhar, Dhubri, Baksa, Barpeta, Kamrup,** for next 2 days, hence water level rise is expected in Brahamputra and its tributaries such as Puthimari, Aie, Beki, Pagladiya, Kopili, Sankosh, and other small tributaries located in above said districts. As heavy rainfall is expected to continue in another 2 to 3 days are per IMD forecast, flood like situation is expected at some places in lower Assam and upper Assam districts. As per CWC network water levels in Brahamputra and its tributaries are mostly in falling to steady stage in upper and middle reaches and rising stage in mostly in lower most districts of Assam.

Since very heavy rainfall is expected in districts **Dim Hasao, Cachar, Karimganj**, water level rise is expected in Barak and rivers such as Longai, Singla, Kushiyara and other small rivers flowing through above said districts.

Sub-Himalayan West Bengal

IMD has predicted very heavy rainfall in Sikkim and over districts such as **Jalpaiguri, Alipurduar, Coochbihar** hence water level rise is expected in rivers such as Jaldhaka and Teesta in above said districts.

Rajasthan

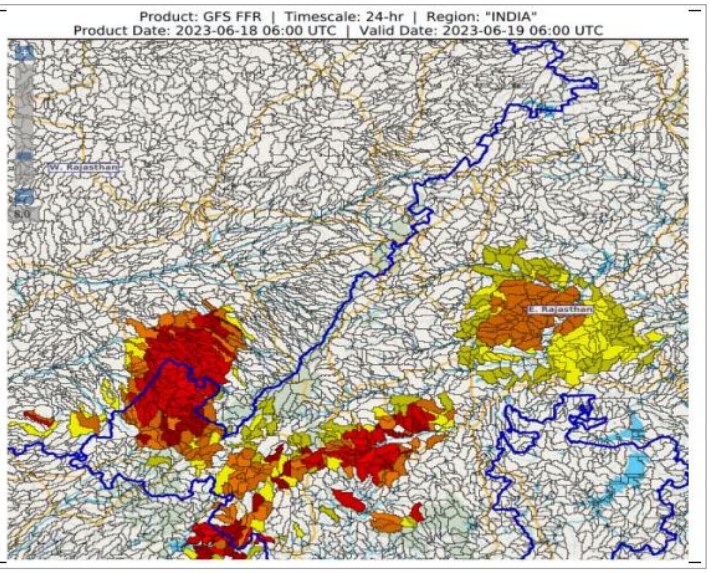
Due to passage of remnants of cyclonic storm 'Biporjoy', extremely heavy rains has occurred in south Rajasthan and expected to occur in districts **Pali, Rajsamand, Nagaur, Jaipur, Ajmer, Tonk, Bundi, Bhilwara, Chittorgarh, Dungarpur** districts hence alert may be kept for water level rise in rivers such as Chambal, Banas, Mahi, Som, Sabarmati and other small rivers in above said districts.

2.3Flash Flood Guidance

<u>24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 19-06-2023 :</u>

Light to Moderate flash flood risk likely over few watersheds & neighbourhoods of **East Rajasthan** and **West Rajasthan** Met Sub-divisions during next 24 hours.

Surface runoff/ Inundation may occur at some fully saturated soils & low-lying areas over AoC as shown in map due to expected rainfall occurrence in next 24 hours.



3.0 Advisory Flood Forecast for next 5-days

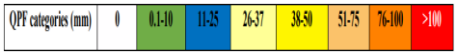
The flood situation at Flood Forecasting Stations likely to be above warning level for next 5 days:

S.No.	Station	River	District	State	19-06-2023	20-06-2023	21-06-2023	22-06-2023	23-06-2023
1	KARIMGANJ	KUSHIYARA	KARIMGANJ	Assam	AN	S	S	S	S
2	DHARAMTUL	KOPILI	MARIGAON	Assam	AN	S	S	S	AN
3	NEAMATIGHAT	BRAHMAPUTRA	JORHAT	Assam	AN	AN	AN	AN	S
4	NUMALIGARH	DHANSIRI (SOUTH)	GOLAGHAT	Assam	N	S	S	S	S
5	PUTHIMARI NH RD XING	PUTHIMARI	KAMRUP	Assam	S	S	S	S	S
6	KAMPUR	KOPILI	NAGAON	Assam	S	S	S	S	S
7	BADARPUR GHAT	BARAK	KARIMGANJ	Assam	N	AN	S	S	S
8	BALTARA	KOSI	Khagaria	Bihar	N	AN	AN	AN	AN
9	KHADDA	GANDAK	Kushinagar	Uttar Pradesh	N	N	N	AN	AN
10	DUMARIAGHAT	GANDAK	Gopalganj	Bihar	N	N	N	AN	AN
11	BADATIGHAT	SUBANSIRI	LAKHIMPUR	Assam	AN	N	AN	AN	AN
12	BEKI ROAD BRIDGE	BEKI	BARPETA	Assam	AN	AN	N	N	N
13	CHENIMARI (KHOWANG)	BURIDEHING	DIBRUGARH	Assam	N	N	AN	AN	AN
14	DIBRUGARH	BRAHMAPUTRA	DIBRUGARH	Assam	AN	AN	AN	AN	AN
15	GOALPARA	BRAHMAPUTRA	GOALPARA	Assam	N	AN	AN	AN	AN
16	NT ROAD CROSSING JIA-BHARALI	JIABHARALI	SONITPUR	Assam	AN	AN	AN	AN	AN
17	SIVASAGAR	DIKHOW	SIVSAGAR	Assam	N	N	AN	AN	AN
18	TEZPUR	BRAHMAPUTRA	SONITPUR	Assam	AN	AN	AN	AN	AN
19	NAMSAI	NAO DEHING	LOHIT	Arunachal Pradesh	N	N	AN	AN	AN
20	DHUBRI	BRAHMAPUTRA	DHUBRI	Assam	AN	AN	AN	AN	AN
21	PAGLADIYA N T ROAD CROSSING	PAGLADIYA	NALBARI	Assam	AN	AN	AN	AN	AN
22	SUBHASH BRIDGE	SABARMATI	Ahmedabad	Gujarat	AN	AN	N	N	N
23	MEKHLIGANJ (R_B)	TEESTA	KOCHBIHAR	West Bengal	AN	N	N	N	N
24	JALDHAKA NH-31	JALDHAKA	JALPAIGURI	West Bengal	AN	N	N	N	N

Abbreviation: **N**: Normal Flood Situation, **AN**: Above Normal Flood Situation, **S**: Severe Flood Situation, **E**: Extreme Flood Situation
For more details, please visit https://ffs.india-water.gov.in/for flood forecast monitoring & short range flood forecast and https://aff.india water.gov.in/ for medium range flood forecast.
Extreme Flood Situation: (Site (s) where the previous Highest Flood Level (HFL) is exceeded or equalled).
Severe Flood Situation: (Site (s) where water level is touching or exceeding the Danger Level but below Highest Flood Level (HFL)).
Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level).

4.0 Storage Position in Dams where Inflow forecast is being issued by CWC as on 18th June2023

Storage above 85%	
Storage above 60%	



Sl. No.	Reservoir/Dams	River/Sub-Basin /Basin	State	US/ DS District	Rainfall situation				
					Day 1	Day 2	Day 3	Day 4	Day 5
1	Pulichinthala	Krishna/Lower Krishna/ Krishna	AP	Nalgonda(Tel)/Guntoor,Krishna (AP)					
2	SripadaYellampally	Godavari/Middle Godavari/Godavari	Tel	Mancherial/JaishankarBhupalpally					
3	PD Jurala	Krishna/Middle Krishna/Krishna	Tel	Raichur (Kar)/JogalambaGadwal(Telangana)					
4	Sunkesula	Tungabhadra/Krishna	AP	Kurnool/Raichur(Kar)/JogalambaGadwal(Telangana)					
5	Mettur	Cauvery/Middle Cauvery/Cauvery	TN	Dharmapuri, Salem/Erode, Namakkal					
6	Musi	Musi/Lower Krishna/Krishna	Tel	Nalgonda					

Note- Based on above information, Project Authority may regulate the reservoirs as per standard operating manuals/ rule levels to avoid downstream flooding and upstream submergence.